



TROPICAL CYCLONE BULLETIN NO. 16

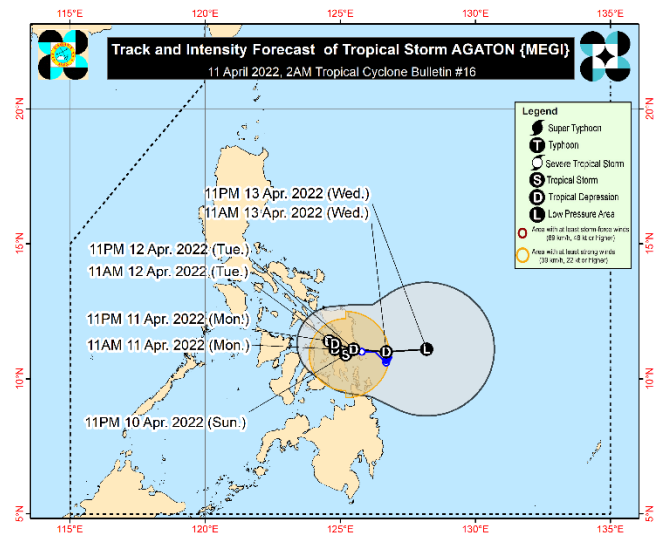
Tropical Storm "AGATON" (MEGI)

Issued at 2:00 AM, 11 April 2022

Valid for broadcast until the next bulletin at 5:00 AM today

TROPICAL STORM "AGATON" CONTINUES TO MOVE VERY SLOWLY OVER THE LEYTE GULF

Location of Center (1:00 AM)
The center of Tropical Storm "AGATON" was estimated based on all available data including those from Guiuan Doppler Weather Radar over the coastal waters of Tolosa, Leyte (11.0°N, 125.1°E)
Intensity
Maximum sustained winds of 65 km/h near the center, gustiness of up to 90 km/h , and central pressure of 998 hPa
Present Movement
Westward slowly
Extent of Tropical Cyclone Winds
Strong winds or higher extend outwards up to 180 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 11:00 AM 11 April 2022	11.1	124.8	In the vicinity of Jaro, Leyte	55	TD	WNW Slowly
24-Hour Forecast 11:00 PM 11 April 2022	11.4	124.6	Over the coastal waters of Leyte, Leyte	55	TD	NNW slowly
36-Hour Forecast 11:00 AM 12 April 2022	11.3	124.8	In the vicinity of Barugo, Leyte	55	TD	Almost stationary
48-Hour Forecast 11:00 PM 12 April 2022	11.1	125.5	In the vicinity of Giporlos, Eastern Samar	55	TD	ESE Slowly
60-Hour Forecast 11:00 AM 13 April 2022	11.0	126.7	105 km E of Guiuan, Eastern Samar	55	TD	E 10
72-Hour Forecast 11:00 PM 13 April 2022	11.1	128.2	270 km E of Guiuan, Eastern Samar	-	LOW	E 15

Prepared by: *RPG*

Checked by: *SFD*



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
2 (Gale-force winds prevailing or expected within the next 24 hours)	-	The southern portion of Eastern Samar (Quinapondan, Giporlos, Balangiga, Lawaan), the southern portion of Samar (Daram, Zumarraga, Villareal, Talalora, Santa Rita, Pinabacdao, Basey, Marabut), Biliran , and the northern and central portions of Leyte (Abuyog, Javier, Macarthur, Burauen, Mayorga, La Paz, Julita, Dulag, Tolosa, Tanauan, Palo, Tacloban City, Santa Fe, Babatngon, San Miguel, Alangalang, Pastrana, Tabontabon, Dagami, Jaro, Carigara, Tunga, Barugo, Capooacan, Leyte, Calubian)	-
	Potential impacts of winds: Minor to moderate threat to life and property		
1 (Strong winds prevailing or expected within the next 36 hours)	The southern portion of Masbate (Dimasalang, Palanas, Cataingan, Pio V. Corpuz, Esperanza, Placer, Cawayan)	The rest of Eastern Samar, the rest of Samar, Northern Samar, the rest of Leyte, Southern Leyte, the northeastern portion of Cebu (Daanbantayan, Medellin, Bantayan Islands, Bogo City, San Remigio, Tabogon, Borbon, Tabuelan, Sogod, Catmon, Carmen, Danao City, Compostela, Liloan, Tuburan, Asturias) including Camotes Island , and the eastern portion of Bohol (Buenavista, Danao, Dagohoy, Pilar, Guindulman, Candijay, Mabini, Alicia, Ubay, San Miguel, Pres. Carlos P. Garcia, Trinidad, Bien Unido, Talibon, Jetafe)	Surigao del Norte and Dinagat Islands
	Potential impacts of winds: Minimal to minor threat to life and property		



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- **Today:** Moderate to heavy with at times intense rains over Eastern Visayas, Masbate, Sorsogon, Catanduanes, and the northern and central portions of Cebu including Bantayan and Camotes Islands. Light to moderate with at times heavy rains over Dinagat Islands, Oriental Mindoro, Marinduque, Romblon, and the rest of Bicol Region and Visayas.
- **Tomorrow:** Moderate to heavy with at times intense rains over Sorsogon, Masbate, Eastern Visayas. Light to moderate with at times heavy rains Dinagat Islands, Romblon, and the rest of Visayas.
- Under these conditions and considering significant antecedent rainfall, **scattered to widespread flooding (including flooding) and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps.

Severe Winds

- Winds may reach gale-force in strength in any of the areas where Wind Signal No. 2 is hoisted throughout the passage of Tropical Storm "AGATON".
- Strong winds (strong breeze to near gale conditions) will be experienced within any of the areas where Wind Signal No. 1 is currently in effect.

HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, rough to very rough seas (2.8 to 4.5 m) will prevail over the seaboard of areas where Wind Signals No. 2 and 1 are hoisted. **These conditions may be risky for most seacrafts.** Mariners of small seacrafts are advised to remain in port or take shelter, while those operating larger vessels are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.
- In the next 24 hours, moderate to rough seas (1.2 to 3.4 m) will also prevail over the remaining seaboard of the country that are not under any wind signal or gale warning. **These conditions may be risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- Today through tomorrow morning, "AGATON" is forecast to meander over the vicinity of the northern portion of Leyte, the southern portion of Samar, Biliran, and the coastal waters of these areas due to weak steering environment. Considering the proximity of the tropical storm center to the coast at this time, a landfall over the eastern coast of Leyte may occur within the next several hours. By tomorrow afternoon or evening, a gradually accelerating turn east southeastward or eastward is expected as "AGATON" undergoes a binary interaction with the incoming tropical cyclone with international name "MALAKAS".
- "AGATON" is forecast to weaken into a tropical depression due to the frictional effects of land on its circulation and degenerate into a remnant low by late Wednesday or early Thursday as "MALAKAS" begins to assimilate its circulation. The possibility of an earlier weakening into a low pressure area while "AGATON" is over the Leyte-Samar landmass is not ruled out.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM today.

DOST-PAGASA

Prepared by:  **RPG**

Checked by:  **SFD**